

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 18096
Application ID: 10065143
Title of Invention: HYDROGEN FUELED SPARK
IGNITION ENGINE
First Named Inventor: XIAOGUO TANG
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-20
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 201-1341
Digital Certificate Holder: cn=Jerome Raphael Drouillard, ou=Registered Attorneys, ou=Patent
and Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: UuAsul2liVZiVI31KNJc1A==
Total Fees Authorized: \$838.0
Payment Category: DA - Deposit Account
Deposit Account Number: 61510
Deposit Account Name: JEROME R. DROUILLARD





TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent
Filing

Attorney Docket
Number:

201-
1341

HYDROGEN FUELED SPARK IGNITION ENGINE

First Named Inventor: XIAOGUO TANG

SUBMITTED BY

Name:	JEROME R. DROUILLARD
Registration Number:	28,000
Electronic Signature Mark: /jrdr	Date Signed: 20020920

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	IDS1of2.tif
declaration	IDS2of2.tif
bibd-transmittal	201-1341apds.xml
patent-assignments	201-1341asgn.xml

fee-transmittal
us-information-disclosure-statement
specification
declaration
declaration

201-1341fee.xml

201-1341ids.xml

Spec.xml

DeclPOA1of2.tif

DeclPOA2of2.tif

Attached Image File(s):

IDS1of2.tif

IDS2of2.tif

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Comments:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robert Jay Natkin, Xiaoguo Tang, Steven Joseph Szwabowski, Siamak Hashemi, Joseph Robert Theis and William F. Stockhausen

Filed: Herewith

For: HYDROGEN FUELED SPARK IGNITION ENGINE

Atty Docket: 201-1341

INFORMATION DISCLOSURE STATEMENT

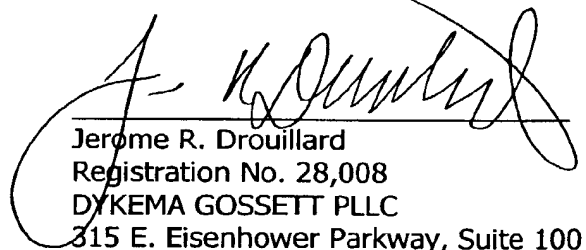
Hon. Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Applicants submit herewith on Form PTO-1449 a list of patents of which they are aware and which they believe may be material to the examination of this application and to which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be material pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is prior art for this invention.

Respectfully submitted,



Jerome R. Drouillard
Registration No. 28,008
DYKEMA GOSSETT PLLC
315 E. Eisenhower Parkway, Suite 100
Ann Arbor, MI. 48108
(734) 214-7670
Attorneys for Applicant

Dated: September 4, 2002

(3/90) LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. 201-1341		SERIAL NO. unassigned	
				APPLICANT Robert Jay Natkin, Xiaoguo Tang, Steven Joseph Szwabowski Siamak Hashemi, Joseph Robert Theis and William F. Stock			
				FILING DATE Herewith			GROUP
U S PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING APPL
	AA	5,412,946	05/09/95	Oshima et al	60		
	AB	6,109,024	08/29/00	Kinugasa et al	60		
	AC	6,192,675	02/27/01	Hirota et al	60		
	AD	6,276,132	08/21/01	Kanesaka et al	60		
	AE	6,311,480	11/06/01	Suzuki et al	60		
	AF	6,308,515	10/30/01	Bidner et al	60		
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS Yes
	AQ						
	AR						
	AS						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc)							
	AU						
EXAMINER				DATE CONSIDERED			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION	Attorney's Docket No. 201-1341																							
<p>As a below named inventor, I hereby declare: My residence, post office address and citizenship are as stated below next to my name;</p> <p>I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed for which a patent is sought on the invention entitled</p> <p>HYDROGEN FUELED SPARK IGNITION ENGINE</p> <p>the specification of which is attached hereto.</p> <p>I have reviewed and understand the contents of the specification identified above, including the claims.</p> <p>I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,</p> <p style="margin-left: 40px;"> <input checked="" type="checkbox"/> no such applications have been filed, or <input type="checkbox"/> such applications have been filed as follows: <input type="checkbox"/> I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below </p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="width: 15%;">COUNTRY</th> <th style="width: 15%;">APPLICATION NO.</th> <th style="width: 15%;">DATE OF FILING (month, day, year)</th> <th style="width: 15%;">DATE OF ISSUE (month, day, year)</th> <th style="width: 15%;">PRIORITY CLAIMED UNDER 35 USC 119</th> <th style="width: 20%;"></th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td rowspan="2" style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> Additional provisional application numbers are listed on a supplementary priority data sheet PTO/SB/02B attached hereto </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> <p style="margin-top: 10px;">I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.</p> <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">(Application Number)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Filing Date)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Status - patented, pending, abandoned)</td> </tr> <tr> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> </tr> </table> <p style="margin-top: 10px;">POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 32242, and Jerome R. Drouillard - 28,008, as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.</p>		COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119							<input type="checkbox"/> Additional provisional application numbers are listed on a supplementary priority data sheet PTO/SB/02B attached hereto						(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)			
COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119																				
					<input type="checkbox"/> Additional provisional application numbers are listed on a supplementary priority data sheet PTO/SB/02B attached hereto																			
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)																						

Attorney Docket No: 201-1341 Please call 313-322-7725 if this paper becomes separated from the file.

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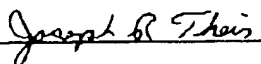
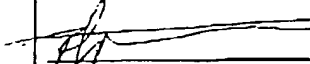
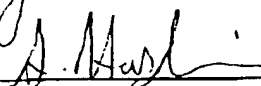
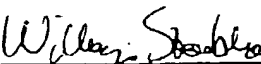
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 Ann Arbor, MI 48108 Phone: (734) 214-7670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Xiaoguo Tang 5998 Beaufort Drive Canton, MI 48187 US	Canton, MI 48187 US	U.S.A		9-16
Joseph Robert Theis 30016 Huron Meadows Drive Rockwood, MI 48173 US	Rockwood, MI 48173 US	U.S.A		9-18-
Robert Jay Natkin 3780 Country Drive Canton, MI, 48187 US	Canton, MI, 48187 US	U.S.A		16 Sept 20
Siamak Hashemi 29444 Highmeadow Farmington Hills, MI 48334 US	Farmington Hills, MI 48334 US	U.S.A		9-16.
William F. Stockhausen 218 W. Dunlap St. Northville, MI 48167 US	Northville, MI 48167 US	U.S.A		9/18

Attorney Docket No: 201-1341 Please call 313-322-7725 if this paper becomes separated from the file.

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 838

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: 06-1510

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: JEROME R. DROUILLARD

Electronic Signature Mark: /jrdr

Date Signed: 20020920

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 21	103	\$ 18	1	\$ 18
Independent Claims: 3	102	\$ 84	0	\$ 0

31.03.1945 24.5.1942 1102

Subtotal For Extra Claims Fees: \$ 18

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80